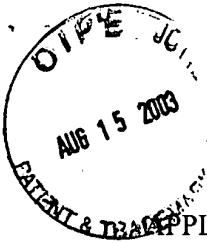


#4
MDJ
9-16-03



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): E. Nakashio et al. ATTORNEY DOCKET NO.: 09792909-5084
SERIAL NO.: 09/897,236 GROUP ART UNIT: 2653
DATE FILED: July 2, 2001 EXAMINER: Allen J. Heinz
INVENTION: A MAGNETIC TUNNEL EFFECT TYPE MAGNETIC HEAD
HAVING A MAGNETIC TUNNEL JUNCTION ELEMENT
SANDWICHEDE WITH CONDUCTIVE GAP LAYERS BETWEEN
A PAIR OF MAGNETIC SHIELDING LAYERS

SUBMISSION OF CORRECTED DRAWINGS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Attn.: Official Draftsperson

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Technology Center 2600

SIR:

In response to the Office Action dated March 12, 2003, Applicants herewith submit corrected drawing Figures 1 and 2.

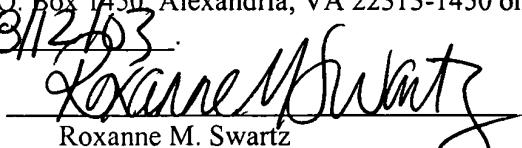
Respectfully submitted,
SONNENSCHEIN NATH & ROSENTHAL
Attorneys for Applicant

Dated: August 12, 2003

By:



David Rozenblat
Reg. No. 47,044

<p>SONNENSCHEIN NATH & ROSENTHAL P.O. Box 061080 Wacker Drive Station, Sears Tower Chicago, IL 60606-1080</p> <p>Attorney Customer Number: 026263 Phn: (312) 876-2578 Fax: (312) 876-7934</p>	<p>CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited as First Class Mail with the United States Postal Service with sufficient postage in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on <u>8/12/03</u>  Roxanne M. Swartz</p>
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2653

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	09/897,236
		Filing Date	July 2, 2001
		First Named Inventor	E. Nakashio et al
		Group Art Unit	2653
		Examiner Name	Allen J. Heinz
Total Number of Pages in This Submission	15	Attorney Docket Number	9792909-5084

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ENCLOSURES (check all that apply)

Transmitted herewith is Response to March 12, 2003 Office Action; Submission of Corrected Drawings and Revised Figures 1 and 2 (1 page).

The fee has been calculated as shown below:

(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3)	(4) HIGHEST NO. PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEE
TOTAL CLAIMS	4	-	20	0	<input type="checkbox"/> x \$9.00 <input type="checkbox"/> x \$18.00	\$0
INDEPENDENT CLAIMS	2	-	3	0	<input type="checkbox"/> x \$42.00 <input type="checkbox"/> x \$84.00	\$0
	APPLICATION AMENDED TO CONTAIN ANY MULTIPLE DEPENDENT CLAIMS NOT PREVIOUSLY PAID FOR.			<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> x \$140.00 <input type="checkbox"/> x \$280.00 ONE TIME	\$0
					TOTAL ADDITIONAL FEE FOR THIS AMENDMENT	\$0

Applicant petitions the Commissioner for Patents to extend the time for responding to the Office Action dated March 12, 2003 by 2 month(s) for a fee of \$410.00 so that the period for response is extended to August 12, 2003 under 37 C.F.R. § 1.321.

The amount of \$ _____ for the Terminal Disclaimer under 37 C.F.R. § 1.321 is included in the enclosed check.

The amount of \$ _____ for the Amendment under 37 C.F.R. § 1.312(b) is included in the enclosed check.

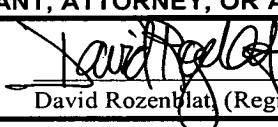
The enclosed credit card payment form to charge the amount of \$410.00 covers the extension fee.

The Commissioner is hereby authorized to charge any additional fees which may be required, or to credit any overpayment to Account No. 19-3140. A duplicate of this sheet is enclosed.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

14. Customer No. 26263

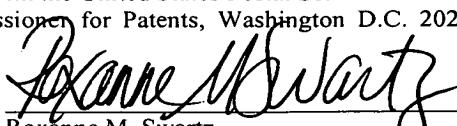
Dated: August 12, 2003


David Rozenblat (Registration No. 47,044)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington D.C. 20231 on the date indicated below.

Dated: August 12, 2003


Roxanne M. Swartz